

Name: _____

Math 5 _____

_____ 2017

PARCC Written Response Practice Packet

Directions:

1. Work, with your partner(s), to correctly solve each problem. Show all your work on the appropriate page in a clear and organized manner.
2. Focus on thoroughly and clearly explaining your work and your reasoning.
3. Review each of your answers to make sure they are of the highest quality.

Timing:

You have 2 class periods to work on this. If you do not finish it by the end of the class on Friday, you must complete it on your own for homework over the weekend.

Grading:

This packet will be graded for completion (6 point homework grade)

My score _____/6

This packet will also be graded for accuracy (10 point quiz grade, no retakes).

Problem 1	____ / 3
Problem 2	____ / 4
Problem 3	____ / 3
Problem 4	____ / 3
Problem 5	____ / 4
Problem 6	____ / 3
Total	____ / 20

My score _____/10

Problem 1

A student finds the sum of $87.92 + 32.11 + 63.08 + 54.89$ by adding the sums of $87.92 + 63.08$ and $32.11 + 54.89$.

Part A

Explain why the student's strategy can be used to find the sum of $87.92 + 32.11 + 63.08 + 54.89$.

Part B

Describe or show another strategy for finding the sum of $87.92 + 32.11 + 63.08 + 54.89$ that can be done using pencil and paper. Include the sum of $87.92 + 32.11 + 63.08 + 54.89$ in your explanation.

Complete the equation to show equivalent fractions with common denominators.

Drag and drop the numbers into the empty boxes.

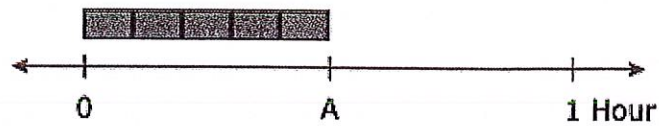
1 2 3 4 5 6 7 8 9 14 20 24 40 48

$$\frac{1}{8} + \frac{5}{6} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}}$$

Part A Explain how you created equivalent fractions.

Problem 4

Cora has $\frac{1}{2}$ hour to do 5 chores. She plans to spend the same fraction of an hour on each chore. She wants to use the number line to help her determine what fraction of an hour she can spend on each chore.



- What is the correct number label for point A?
- Explain how to use this number line to help Cora solve her problem.
- What fraction of an hour will she spend on each chore?

Part A

Write this number in expanded form.

670,503

Part B

Show or explain how to write 8,523 in expanded form using 15 hundreds.

Part C

A student used 80 ten thousands in the expanded form of the number 6,807,590.

Show or explain how 6 hundred thousands, 80 ten thousands, 7 thousands, 5 hundreds, and 9 tens can or cannot be used to represent 6,807,590. If it cannot be used, show how you would correct it and still use 80 ten thousands.

Katie went to a craft store to purchase the supplies she needs to make two types of jewelry. This table shows the costs of the supplies Katie needed.

Costs of Supplies

Item	Cost per item
bead	\$0.05
charm	\$0.45

This table shows the supplies needed to make each piece of jewelry.

Supplies Needed

Type of Jewelry	Beads	Charms
bracelet	25	4
necklace	48	1

Katie purchased the exact amount of supplies to make 1 bracelet and 2 necklaces.

Part A

Write an expression to determine the cost of supplies to make 1 bracelet.

Part B

Write an expression to determine the cost of supplies to make 2 necklaces.

Part C

Katie started with \$40. How much did she have left after purchasing the supplies?

Clearly, show all your work.

